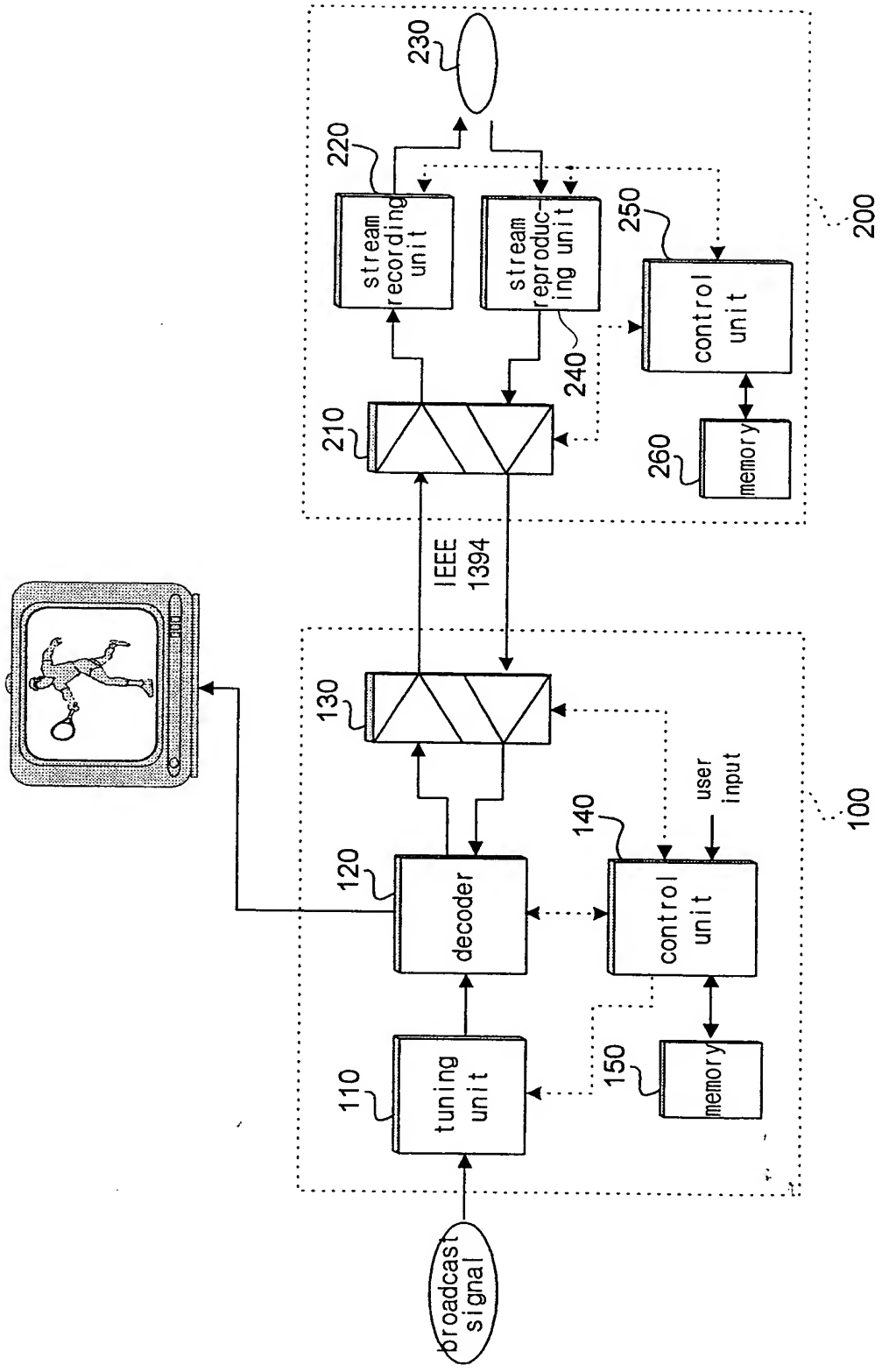
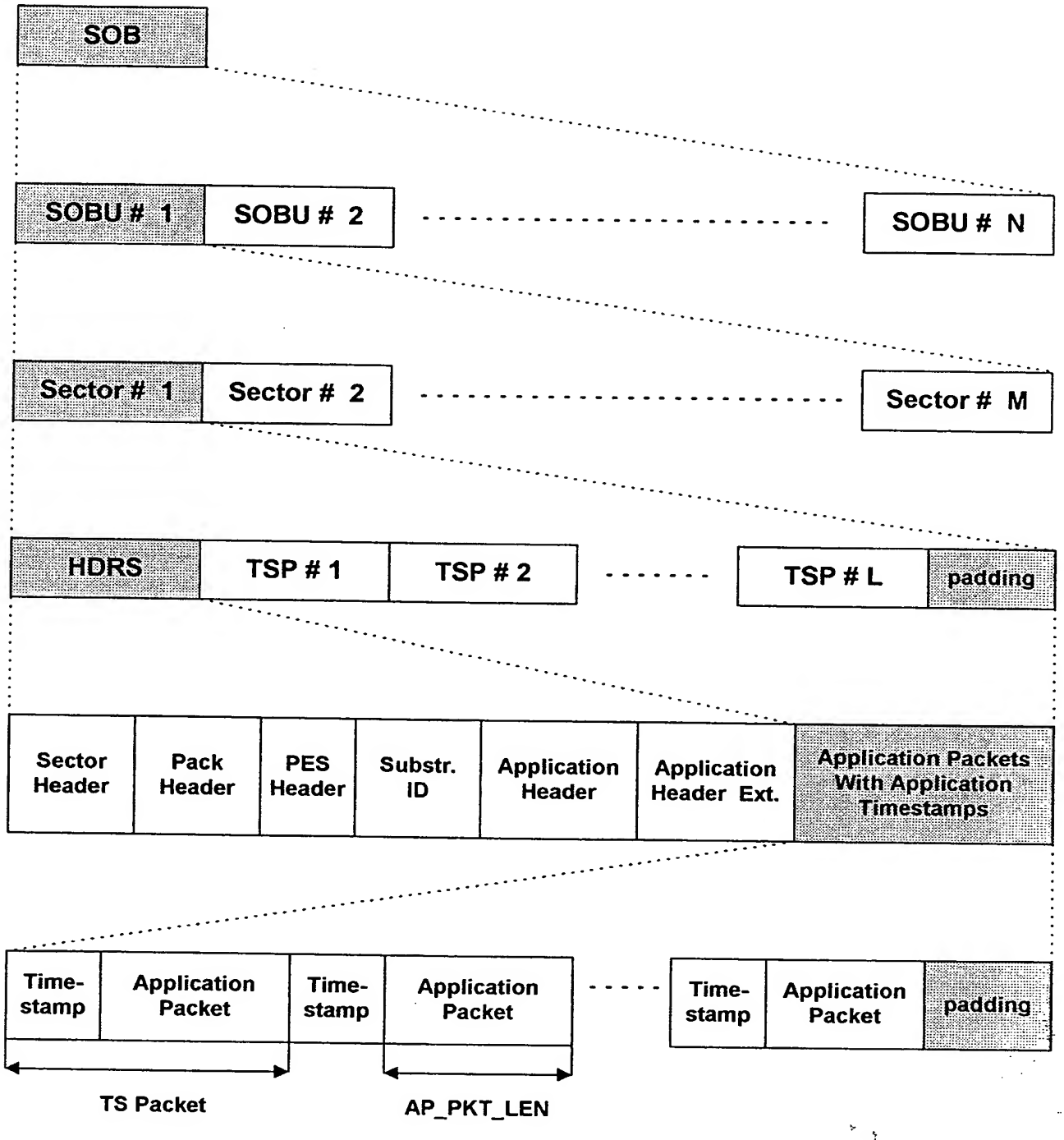
FIG. 1


broadcast signal
tuning unit
110
decoder
120
control unit
140
user input
memory
150
130
IEEE 1394
100
stream recording unit
220
stream reproducing unit
230
240
control unit
250
memory
260
210
200
Conventional Art

# FIG. 2



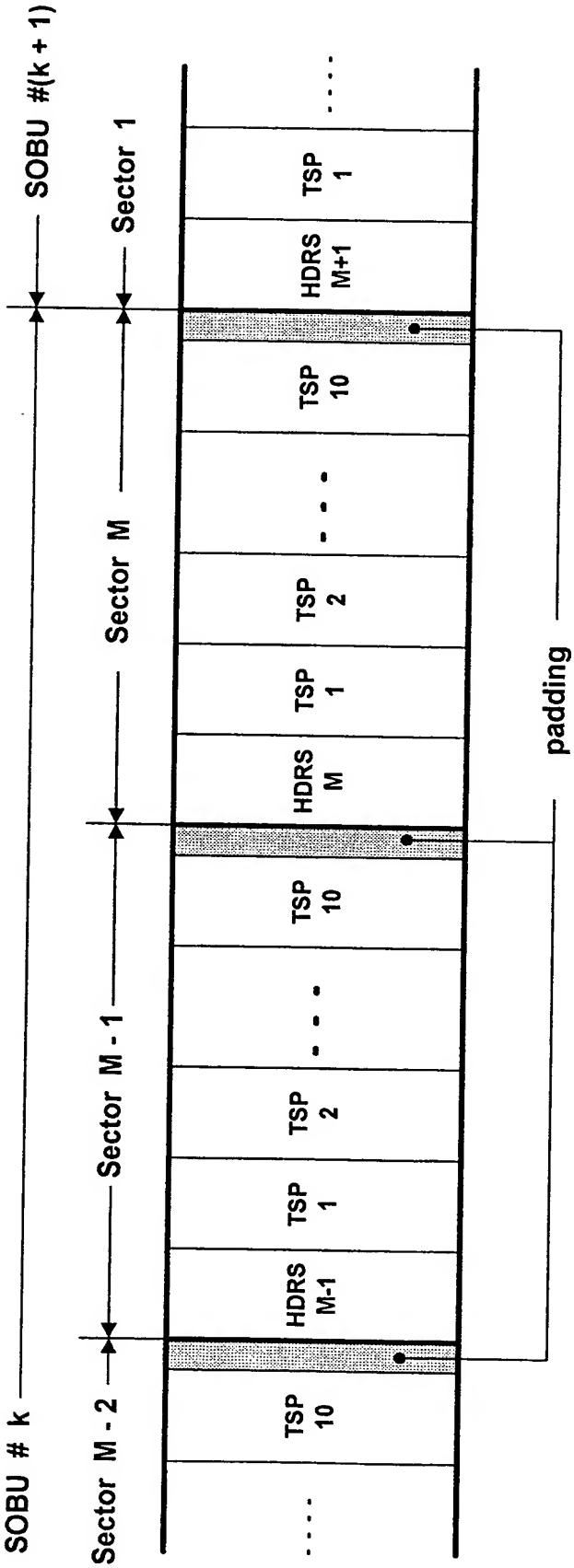

Conventional Art

# FIG. 3

| Application Header | | | |
|---|---|---|---|
| **Field** | **Number of bits** | **Number of bytes** | **Value** |
| **VERSION** | 8 | 1 | 01h |
| **APPLICATION_ID** | 16 | 2 | |
| **MAX_BITRATE** | 32 | 4 | |
| **SMOOTH_BUF_SIZ** | 16 | 2 | '3540 bytes' |
| **TS_REF_CL_FREQ.** | 32 | 4 | '27MHz' |
| **AP_PKT_LEN** | 16 | 2 | |
| **TS_LEN** | 8 | 1 | 04h |
| **AP_PKT_Ns** | 8 | 1 | |
| **START_OF_STR** | 1 | 1 | 0b or 1b |
| **END_OF_STR** | 1 | | 0b or 1b |
| **Reserved** | 6 | | 111111b |
| **Reserved** | 56 | 7 | 7x (FFh) |
| **Total** | 200 | 25 | |

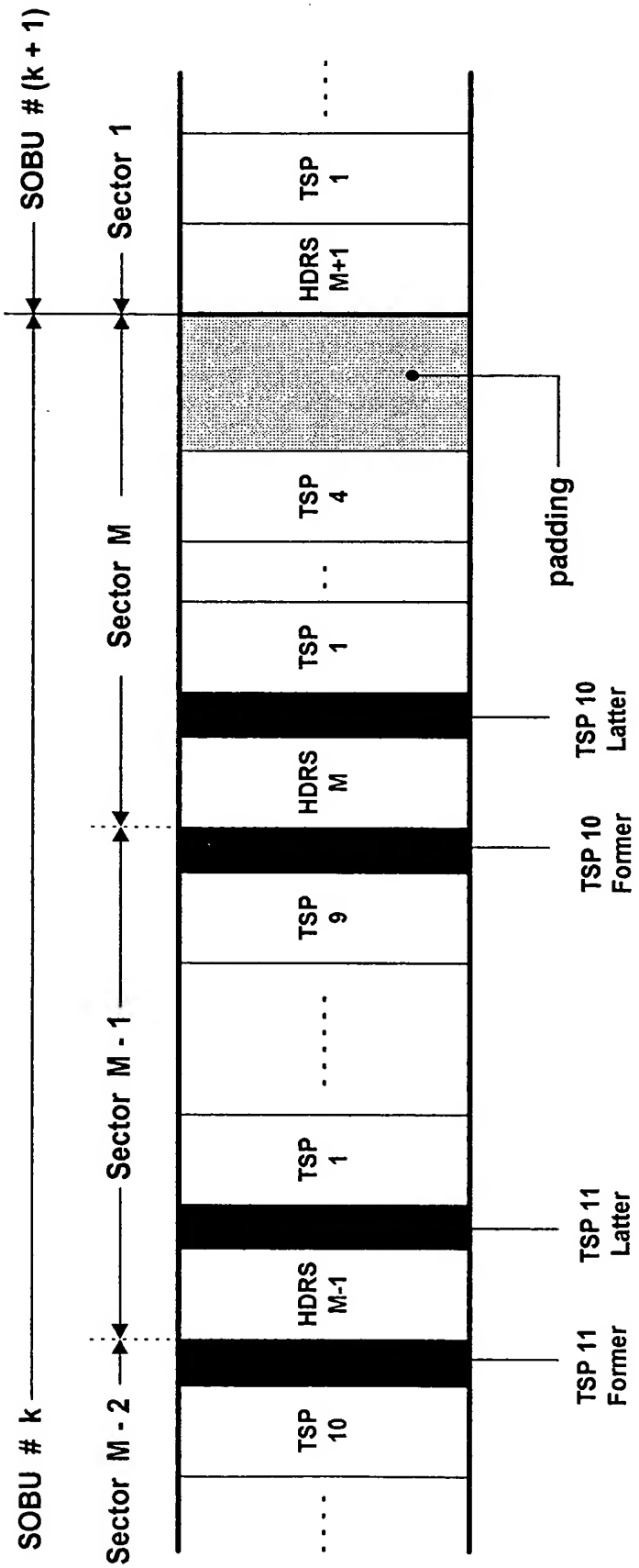
*Conventional Art*

FIG. 4




Conventional Art

FIG. 5


SOBU # (k + 1)
SOBU # k
Sector 1
Sector M
Sector M - 1
Sector M - 2
HDRS M+1
TSP 1
TSP 4
TSP 1
HDRS M
TSP 9
TSP 1
HDRS M-1
TSP 10
padding
TSP 10 Latter
TSP 10 Former
TSP 11 Latter
TSP 11 Former

# FIG. 6

| Application Header | | | |
|---|---|---|---|
| **Field** | **Number of bits** | **Number of bytes** | **Value** |
| VERSION | 8 | 1 | 01h |
| APPLICATION_ID | 16 | 2 | |
| MAX_BITRATE | 32 | 4 | |
| SMOOTH_BUF_SIZ | 16 | 2 | '3540 bytes' |
| TS_REF_CL_FREQ. | 32 | 4 | '27MHz' |
| AP_PKT_LEN | 16 | 2 | |
| TS_LEN | 8 | 1 | 04h |
| AP_PKT_Ns | 8 | 1 | |
| START_OF_STR | 1 | 1 | 0b or 1b |
| END_OF_STR | 1 | | 0b or 1b |
| COM_SZ | 6 | | |
| Reserved | 56 | 7 | 7x (FFh) |
| Total | 200 | 25 | |